PATENT COOPERATION TREAT

INTERNATIONAL SEARCHING AUTHORITY								
To:			DQ	CKETED	DOM			
SHAWN D. BAUER		FOR	monto	PCT				
BARNES & THORNBURG LLP		BY	L					
11 SOUTH MERIDIAN STREET INDIANAPOLIS, IN 46204		DATE_	1/29 WRITTEN OPINION OF THE					
			CHE'D BY	INTERNATIONAL SEARCHING AUTHORIT				
			DATE		(PCT Rule 43bis.1)			
				Date of mailing	24 NOV 2004			
Applicant	's or agent's file	reference		(day/month/year) FOR FURTHER				
29920-75	106			See paragraph 2 below				
	nal application No).	International filing date (day/month/year)		Priority data (day/month to an)			
		5.	• 1		Priority date (day/month/year)			
PCT/USO Internation		ication (IPC)	17 June 2004 (17.06.200	7 June 2004 (17.06.2004) 19 June 2003 (19.06.2003) both national classification and IPC				
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Applicant	01D 13/08 and U	S CI.: 210/19	28.3, 658, 243; 204/450, 6	500				
ADVANC	PED DECEARCH	AND TROU	NOT OCH DICTION					
ADVANC	ED RESEARCH	AND TECH	NOLOGY INSTITUTE,	INC.				
1. This	opinion contains i	ndications rel	ating to the following item	ıs:				
	Box No. I Basis of the opinion							
	Box No. II Priority							
	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability							
	Box No. IV	Lack of unity of invention						
	Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial						
	Box No. VI	applicability; citations and explanations supporting such statement Certain documents cited						
	Box No. VII							
	Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application							
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2. FUR	THER ACTIO	N						
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.								
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of								
mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.								
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3. For further details, see notes to Form PCT/ISA/220.								
	mailing address o		S	Authorized officer	0			
N	Mail Stop PCT, Atti	n: ISA/US			A landa !			
	Commissioner for P. P.O. Box 1450	atents		Ernest G. Therke	orn J. W. Marie			
A	Mexandria, Virginia	22313-1450		Telephone No. (5	71) 272-1700			
Form PCT/	No. (703) 305-32	1.7.2.1.00 0						
orm PCT/ISA/237 (cover sheet) (January 2004)								

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/19438

1 With -			
it was	egard to the language, this opinion has been esta filed, unless otherwise indicated under this item.	ablished on the basis of the international ap	plication in the language in which
	This opinion has been established on the basis of which is the language of a translation furnished t	f a translation from the original language ir for the purposes of international search (un	nto the following language, der Rules 12.3 and 23.1(b)).
2. With r	regard to any nucleotide and/or amino acid so	sequence disclosed in the international ap	pplication and necessary to the
a.	type of material		
	a sequence listing		
!	table(s) related to the sequence listing		
b. :	format of material		
	in written format		
(in computer readable form		
c . 1	time of filing/furnishing		
ſ	contained in international application as fi	iled.	
[filed together with the international applic	cation in computer readable form.	
ſ	furnished subsequently to this Authority fo		
1	In addition, in the case that more than one ver- filed or furnished, the required statements that the the application as filed or does not go beyond the	he information in the subsequent or addition	nal copies is identical to that in
	nal comments:		. :
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/19438

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
1. Statement							
Novelty (N)	Claims	<u>1-47</u>	YES				
	Claims	NONE	NO				
Inventive step (IS)	Claims	1-47	YES				
	Claims		NO				
Industrial applicability (IA)	Claims	1-47	YES				
	Claims		NO				
2. Citations and explanations:							
Claims 1-47 meet the criteria set out in PCT Artic	le 33(2)-(3), bec.	ause the prior art does not teach or fairly s	uggest the recited				
nanner of and apparatus for performing electrochi	romatography.	and proof and does not touch of turny of	aggost the recked				
Claims 1-47 meet the criteria set out in PCT Artic an be made or used in industry.	le 33(4), and thu	s have industrial applicability because the s	subject matter claimed				
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m PCT/ISA/237 (Box No. V) (January 2004)							